

10/540279

NATIONAL PHASE UTILITY APPLICATION Transmittal to the (DO/EO/US) Under 35 USC 371	Attorney Docket No.: SMARB15.001APC First Named Inventor: Jeremy S. Lee Int'l Application No.: PCT/CA2003/001589 Int'l Filing Date: October 15, 2003 Priority Date Claimed: December 23, 2002 Title: CHEMICAL SWITCHING OF NUCLEIC ACID CIRCUIT ELEMENTS Express Mail Label No.: EV309178193US
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Date: June 21, 2005 Page 1 of 2	

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

- | | |
|--------------------|--------------------------|
| 1. Jeremy S. Lee | 2. Heinz-Bernhard Kraatz |
| 3. Shawn D. Wettig | 4. Ryan John Skinner |

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) The U.S. has been elected (Article 31).
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

OTHER APPLICATION PARTS:

- (X) Preliminary Amendment in 15 pages.
- (X) Abstract in 1 page.
- (X) Copy of PCT publication WO 2004/057685 A3, including International Search Report.
- (X) Return prepaid postcard.

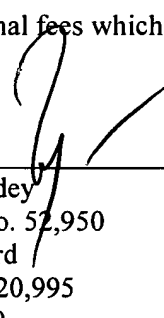
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FILING FEES:

FEE CALCULATION				
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		1631 (\$300)		\$300
Search Fee under 1.492(b) (enter one in TOTAL column)				
(1) USPTO was the ISA		1641 (\$100)		\$400
(2) Foreign Search Report Enclosed		1642 (\$400)		
(3) No Search Report Enclosed		1632 (\$500)		
Examination Fee under 1.492(c) (enter one in TOTAL column)				
(1) USPTO was IPEA & claims satisfy Art. 33 (1)-(4))		1643 (\$100)		\$200
(2) Non US IPEA / Noncompliant Claims		1633 (\$200)		
Excess Claims	73 - 20 = 53	1615 (\$50)	53 x 50 =	\$2,650
Excess Ind. Claims	10 - 3 = 7	1614 (\$200)	7 x 200 =	\$1,400
Multiple Dep. Claim		1616 (\$360)		\$0
Application Size Fee	0 - 100 = 0	1681 (\$250)	0 x 250 =	\$0
Late English Translation		1618 (\$130)		\$0
Assignment		8021 (\$40)	0 x 40 =	\$0
			TOTAL FEE DUE	\$4,950
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(X) A check in the amount of **\$4,950** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.


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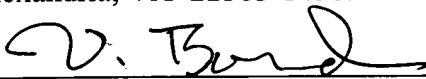
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Attorney Docket No. : SMARB15.001APC
Applicant(s) : Lee et al.
For : CHEMICAL SWITCHING OF NUCLEIC
ACID CIRCUIT ELEMENTS
Agent : Marina L. Gordey
"Express Mail" Label No. : EV309178193US
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I hereby certify that the accompanying

Transmittal letter; Preliminary Amendment in 15 pages; Abstract in 1 page; copy
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